

What is claimed:

- 1) Sole construction comprising of an upper and lower sole connected by rigid structures and in parallel posture relative to each other.
- 2) Sole construction of the upper sole comprising of two sections:
 - a toe and ball section and,
 - an arch section.
- 3) Sole construction of the lower sole comprising of two sections:
 - a toe and ball section and,
 - an arch section.
- 3) Fore and arch sections for upper and lower soles are rigidly connected via hinges.
- 4) Sole construction structure is such that upper and lower soles are able to move together in a generally vertical direction.
- 5) As upper and lower soles move together rigid structures allow the following:
 - a continued parallel posture between the fore and arch sections of the upper and lower soles,
 - a bending of the hinges between the toe and arch sections in a upward direction.

- 6) Sole structures do not allow movement between the upper and lower soles laterally in any direction in relation to each other.
- 7) Sole structures possess a shoe upper to connect sole structure to the users foot.
- 8) Sole structures comprise of rubber tread to improve users traction.
- 9) A spring shoe embodying springs of the type shown and described.
- 10) A spring shoe as shown in the attached drawings.